

To register, view detailed presenter biographies and agendas, click on the headings below, visit www.halfmoonseminars.org or call our customer service department at (715) 835-5900.

1. How to Read a Geotechnical Report [↗](#)

Friday, January 14, 2022 | 11:00 am - 2:15 pm CST

Tuition: \$150

Credits: Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs
Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours AIA: 3.0 LU|HSW
International Code Council: .3 CEUs (Sitework)

Agenda Highlights:

Background information: things to know prior to reading a report
The subsurface investigation
The subsurface conditions
Geotechnical analysis
Geotechnical recommendations
Example reporting (many examples discussed throughout the session)

Presented by Joseph S. Cooke, P.E. *Geotechnical Engineer*

22 USH2RGE0 1 14 WEBR FC

2. Deep Dive: Unlocking the Mysteries of Native Plant Selection [↗](#)

Wednesday, January 19, 2022 | 2:00 - 4:00 pm CST

Tuition: \$100

Credits: Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs
Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 LU|HSW
Certified Planners: CM|2.0

Agenda Highlights:

Best practices for informed native plant selection
Pros and cons of native species plants vs. native cultivars (“nativars”)
The realities of native plant propagation - genetic diversity vs. genetic clones
Proper use of dioecious native plants for ecological support
Monoecious natives that need pollination partners
Dwarf native cultivars – ecologically-useful or not?
Local ecotype plants – rationale and sourcing
The benefits and trade-offs of different plant formats (seeds, plugs, pots, B&B)

Presented by Kim Eierman *Founder of EcoBeneficial LLC*

22 USDDNTVP 1 19 WEBR LH

3. Current Issues in Landscape Architecture for the Eastern US [↗](#)

Friday, January 21, 2022 | 7:30 am - 4:00 pm CST (incl. a 60-min break)

Tuition: \$289

Credits: Landscape Architects: 7.0 HSW CE Hours (NJ Credit Pending)
LA CES: Pending

Agenda Highlights:

Focus on sustainability: light pollution reduction
Key concepts in ecology for site design
Designing stormwater facilities for function and performance
Population biology, habitats and successional planning
Applying ecological concepts to landscape architecture and site design

Presented by

Dr. Jairo H. Garcia *Sustainable cities and climate change specialist*

Jeffrey A. Brem PE *Registered professional engineer in Massachusetts, New Hampshire and Maine*

22 USCISLA 1 21 WEBR LH

4. How to Think Like a Bee: Creating Pollinator Habitat [↗](#)

Monday, January 24, 2022 | 3:00 - 4:30 pm CST

Tuition: \$75

Credits: Landscape Architects: 1.5 HSW CE Hours LA CES: 1.5 HSW CE Hours
Professional Engineers: 1.5 PDHs Architects: 1.5 CE Hours (non-HSW)
AIA: 1.5 LU|Elective Certified Planners: CM|1.5
International Code Council: .15 CEUs (Sitework)

Agenda Highlights:

Pollinator biology and identification
What pollinators need from plants: nectar, pollen and more
Natural networks: it's more than just pollinators
Keys to successful pollinator habitat Flower seasonality, diversity and abundance
About native plants, including cultivars
Some key plants for pollinators Attract pollinators no matter the garden style
Pesticides, bee hotels and other challenges
Maintaining habitat through the year and over time

Presented by Denise Ellsworth *Program Director for Pollinator Education with the Department of Entomology/Extension at The Ohio State University*

22 USH2TLBE 1 24 WEBR CP

5. A Drainage Technology Update [↗](#)

Tuesday, January 25, 2022 | 10:00 am - 12:00 pm CST

Tuition: \$100

Credits: Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs
Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 LU|HSW
Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:

Strengths and weaknesses of traditional drainage practices and how they have evolved to meet current requirements and regulations
The Clean Water Act of 1972
The importance of independent product testing and how specific product groups have emerged
Case studies demonstrating a broad array of available solutions for owners, project managers and design professionals
• Including: infiltration, treatment and nutrient removal, trash separation, passive irrigation, and more
Other new industry product innovations

Presented by Peter Hanrahan *Hanrahan Environmental, LLC*

22 USDRANTU 1 25 WEBR AM

6. Erosion and Sediment Control [↗](#)

Tuesday, January 25, 2022 | 8:30 am - 5:00 pm CST (incl. a 60-min break)

Tuition: \$289

Credits: Landscape Architects: 7.0 HSW CE Hours LA CES: 7.0 HSW PDHs
Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW
Floodplain Managers: 7.0 ASFPM CECs

Agenda Highlights:

Erosion and sediment control requirements and practices
Goals for and selection of erosion and sediment control practices
Non-structural erosion and sediment control best practices
Stream and bank stabilization
Structural erosion and sediment control practices
Sediment traps and sediment basins
Permanent stormwater management practices
Operation and maintenance plans

Presented by Jay Riggs, CPESC, CPSWQ *Manager of the Washington Conservation District (WCD)*

22 USEROSSC 1 25 WEBR AM

7. How to Calculate Soil Volumes for Cut and Fill [↗](#)

Wednesday, January 26, 2022 | 1:30 - 4:30 pm CST

Tuition: \$150

Credits: Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs
Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours AIA: 3.0 LU|HSW
International Code Council: .3 CEUs (Sitework)

Agenda Highlights:

Importance of accurate estimates of soil volumes for cutting and filling
Principles of volumetric estimation for soils
Move soil once Have your cut equal your fill
Know your soils Handling disturbed soils
Mapping a site for excavation and embankment
Evaluating software for cut and fill calculations
Bringing in fill and disposing of spoil

Presented by

Daniel P. Messmer, P.E., D. GE *Project Manager with The Gateway Engineers, Inc., in Pittsburgh*

22 USH2CSOL 1 26 WEBR SC

8. Current Issues for Landscape Architects in the West [↗](#)

Thursday, January 27, 2022 | 11:00 am - 3:30 pm CST (incl. a 30-min break)

Tuition: \$289

Friday, January 28, 2022 | 11:00 am - 2:30 pm CST (incl. a 30-min break)

Credits: Landscape Architects: 7.0 HSW CE Hours (NJ Credit Pending)
LA CES: Pending

Agenda Highlights:

Key concepts in ecology for site design
Case study: Earvin “Magic” Johnson Recreation Area
Applying ecological concepts to landscape architecture and site design
Focus on sustainability: light pollution reduction
Regenerative landscapes and climate adaptation
Focus on xeriscaping

Presented by

Peter Caldwell ASLA, PLA *Landscape Architect at Asakura Robinson in Houston, TX*

Gary J. Lai PLA, ASLA, LEED AP BD+C, ILFI LBC Ambassador, USGBC-LA Board
Principal, Director of Regenerative Design at MIG, Inc.

Robert Glass *Founder, Space Open Studio*

Mary Coolidge *Portland Audubon's BirdSafe campaign coordinator*

Shawn Maestretti *Principal of Studio Petrichor and the creator of the talk series, "Regenerative Landscapes and the Climate Crisis"*

Leigh Adams *Consultant, educator, eco-sensitive designer and horticultural interpreter at Studio Petrichor and Metabolic Studio*

Paul W. Lander, PhD, MLarch, LEED A.P. *Associate Professor, University of Colorado-Boulder*

22 USCISLA1 1 27 WEBR TB - 22 USCISLA2 1 28 WEBR TB

9. Stormwater Best Management Practices [↗](#)

Thursday, January 27, 2022 | 8:30 am - 5:00 pm CST (incl. a 60-min break)

Tuition: \$289

Credits: Landscape Architects: 7.0 HSW CE Hours LA CES: 7.0 HSW PDHs
Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW
Floodplain Managers: 7.0 ASFPM CECs International Code Council: .7 CEUs (Sitework)

Agenda Highlights:

Selecting stormwater best management practices
Reducing site disturbance and increasing natural landscaping
Permeable pavers Vegetated roofs
Rain barrels, cisterns and rain gardens Filter strips and drainage swales
Detention basins and ponds Stormwater best management case studies

Presented by Brad Flack, CPESC, CESSWI, QCIS *President & CEO of Integrity Stormwater*

22 USSTWBMP 1 27 WEBR AM